Tahoe is an economical, user-friendly dispensing system for warewash and other chemical dosing applications. It features a rugged, water-resistant enclosure, as well as highly efficient circuitry. The 100 Series SnapHead™ pump cartridge provides excellent tube life, and is easy to remove and replace. Modular design allows several Tahoes to fit together for multi-pump applications and a sliding door hides the adjustments from view.

Tahoe’s versatile control circuit supports both time and speed-based dosing applications. You can configure warewash detergent dosing easily, using Tahoe’s independent initial charge and recharge time settings. Warewash rinse and other continuous run applications have an easily-configured pump speed setting. The front panel switch can be used to manually activate the initial charge dose, as well as to disable automatic dosing. For janitorial or pot-and-pan applications, the Tahoe can be used with a remote, push-button dose trigger.

**Pays for Itself**

- Easy setup
- Low maintenance
- Speed, time, and initial charge in one SKU
- Modular
- Prime button
- 115 and 230 VAC inputs
- Remote push-button option

Dwg # 13886-00, Rev 1
### Application Matrix

<table>
<thead>
<tr>
<th>Machine</th>
<th>Chemical</th>
<th>Injection Point</th>
<th>Power</th>
<th>Alternate</th>
<th>Speed</th>
<th>Recharge</th>
<th>Initial</th>
<th>Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door</td>
<td>Detergent</td>
<td>Wash Tank</td>
<td>Rinse Solenoid</td>
<td>N/A</td>
<td>100%</td>
<td>0 - 20 sec</td>
<td>0 - 190 sec</td>
<td>4 &amp; 5</td>
</tr>
<tr>
<td>Door</td>
<td>Detergent</td>
<td>Wash Tank</td>
<td>Rinse Solenoid</td>
<td>Fill valve</td>
<td>100%</td>
<td>0 - 20 sec</td>
<td>0 - 190 sec</td>
<td></td>
</tr>
<tr>
<td>Door</td>
<td>Rinse</td>
<td>Booster</td>
<td>Wash Pump</td>
<td>N/A</td>
<td>100%</td>
<td>0 - 20 sec</td>
<td>0 sec</td>
<td></td>
</tr>
<tr>
<td>Door</td>
<td>Rinse</td>
<td>Rinse Line</td>
<td>Rinse Solenoid</td>
<td>N/A</td>
<td>1%-100%</td>
<td>Continuous</td>
<td>0 sec</td>
<td></td>
</tr>
<tr>
<td>Conveyor</td>
<td>Detergent</td>
<td>Wash Tank</td>
<td>Rinse Solenoid</td>
<td>Fill valve</td>
<td>100%</td>
<td>0 - 20 sec</td>
<td>0 - 190 sec</td>
<td></td>
</tr>
<tr>
<td>Conveyor</td>
<td>Rinse</td>
<td>Rinse Line</td>
<td>Rinse Solenoid</td>
<td>N/A</td>
<td>1%-100%</td>
<td>Continuous</td>
<td>0 sec</td>
<td></td>
</tr>
</tbody>
</table>

### Setting Ranges

- **SPEED**
  - 100% detergent
  - 0% rinse
  - 1% - 100% optional

- **RECHARGE**
  - 0% - 20 sec
  - Continuous

- **PRIME / INITIAL CHARGE**
  - 100% detergent
  - 0% rinse
  - 1% - 100% optional

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### Tahoe Specifications

**Size**
- Height: 5 in/12.7 cm
- Width: 3.8 in/9.6 cm
- Depth: 3.4 in*/8.6 cm*
- Weight: 2.5 lbs/1.13 kg
*4.8 inch/12.2 cm including SnapHead pump cartridge

**Enclosure**
- Molded ABS plastic, water-resistant, flame retardant

**Pump**
- Peristaltic, self priming, self checking, 24 VDC

**Maximum Vacuum**
- 8 in/20cm of Mercury [Hg]

**Maximum Pressure**
- 10psi/.7 bar/69 kPa detergent, 30psi/2.1 bar/200 kPa rinse

**Detergent Flow Rate**
- 110 ml/min nominal, not to run more than 15 out of 30 minutes

**Rinse Flow Rate**
- 16ml/min nominal, unlimited continuous run

**Potentiometers**
- Speed: 1-100%
- Recharge: 0-20 seconds/continuous
- Initial Charge: 0-190 seconds

**Optional Push Button Remote**
- Toggles initial charge on/off

**Rocker Switch**
- Up: Init. Charge/Prime
- Middle: Enable pump
- Down: Disable pump

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### Electrical

- Input voltage 100-120 VAC 50/60 Hz 0.2 amp
- Input voltage 200-240 VAC 50/60 Hz 0.1 amp
- Alternate initial charge option voltage 24 VAC +/-10%
- 50/60 Hz 0.5 amp (use transformer 066135)

*Please note single supply voltage Tahoe's do not have 100-120 VAC input wires, and Tahoe Remotes only accept 110-120 VAC inputs.*

**LED**
- On when unit is enabled, flashing when disabled

**Regulatory**
- CE, NSF, CSA, NRTL/C

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### Ordering Information

**Complete System with Installation Kit**

<table>
<thead>
<tr>
<th>Item#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1205356</td>
<td>Tahoe, Detergent (Norprene standard), 115/230 VAC input</td>
</tr>
<tr>
<td>1205357</td>
<td>Tahoe, Rinse (Flex standard), 115/230 VAC input</td>
</tr>
</tbody>
</table>

*Other tubing materials available upon request.*

### Spare Parts

<table>
<thead>
<tr>
<th>Item#</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>087176</td>
<td>Tahoe PCB</td>
</tr>
<tr>
<td>1203812</td>
<td>Tahoe transformer, 120/240V 28V, 12VA 50/60 Hz</td>
</tr>
<tr>
<td>087235</td>
<td>Mounting bracket</td>
</tr>
<tr>
<td>069484</td>
<td>Remote switch</td>
</tr>
</tbody>
</table>

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Beta Technology is ISO 9001 certified

Specifications are subject to change as part of Beta's on-going quality improvement process.